

FIG.1

GTGACAGGAGCCGAAGCAGCAGCGAGGTTGTCCCGGTTTCCCTCCCCCTTCCCTTCTCCGGTTGCCCTTCCCGGGCCCCCTTACACTCCACAGTCCCGGT
 |||||
 GTGACAGGAGCCGAAGCAGCAGCGAGGTTGTCCCGGTTTCCCTCCCCCTTCCCTTCTCCGGTTGCCCTTCCCGGGCCCCCTTACACTCCACAGTCCCGGT
 |||||
 CCGGCCAATGTTCCAGAAACAAGAAGAGAACCTTGGGAGGAGACCGGCGAGGAGAACGACACGCAGGAGAAAGAAGGTAATTCCTGCCTGAGAGAG
 |||||
 CCGGCCAATGTTCCAGAAACAAGAAGAGAACCTTGGGAGGAGACCGGCGAGGAGAACGACACGCAGGAGAAAGAAGGTAATTCCTGCCTGAGAGAG
 |||||
 CTGAAGAGGCAAGCTAAAGGCCAAAATACCCAAGCCTAGGACAAAAGCCTGGAGGCTCCGACTTCCCTCATGAAGAGACTCCAGAAAGGGCAAAAGTACTT
 |||||
 CTGAAGAGGCAAGCTAAAGGCCAAAATACCCAAGCCTAGGACAAAAGCCTGGAGGCTCCGACTTCCCTCATGAAGAGACTCCAGAAAGGGCAAAAGTACTT
 |||||
 TGAATCAGGAGACTACAACATGGCCAAAGCCAAGATGAAGATAAGCAGCTGCCAAGTGCAGGACCAGACAAGAACCTGGTGACTGGTGATCACATCCCC
 |||||
 TGAATCAGGAGACTACAACATGGCCAAAGCCAAGATGAAGATAAGCAGCTGCCAAGTGCAGGACCAGACAAGAACCTGGTGACTGGTGATCACATCCCC
 |||||
 ACCCCACAGGATCTGCCCCAGAGAAAGTCTCGCTCGTCAACAGCAAGCTTGCGGGGTAACTG.....AGCCCCCTCTCCTCCCCCTTCTCAACCACT
 |||||
 ACCCCACAGGATCTGCCCCAGAGAAAGTCTCGCTCGTCAACAGCAAGCTTGCGGGTGGCCAAAGTTGAATGATGCTGCCCCGGGCTCTGCCAGATCCTGA
 |||||
 GGAGGTTTATATATTAGGCAGGGATGAAATGGGCACCTAGTCAGATCTTCTCAGCTTGCTAGCCAGAAATGACTGTGATTCCTGCTGGGGGCTGCTGAG
 |||||
 GACGCTTCCCCTCCCCTGCCCCACCGGGTCCGTGTGCTGGCTCCTGCCCCCTTCTGCTTTTGCAGCCAGGGGTCAAGGAGGTGGCTCGGGTGTGGGCTGGAG
 |||||
 AAGGTAATGTAGTTGAAAGGGGCTCTAAGTTTATTTTTCGTTAGATTGACACTTCCACACACTCCCTGTAGTCCAGGTAGGGCTAGAAATAGGAA
 |||||
 AGGCAGAAGCCCTTCTGTTGGTGTCCAGGCACATGGAGCCCCCTTGGGCTGA.....GCACCAAGACCTTGAACCTTTTTTGTATTTTACCTTTTTTCC
 |||||
 AGGCTAGGATTGGATAATGCTGCAAAATGCTTTTTTGTGTGAGAAACTGGAGAGATGTGATTTCTCCTTTTGGGAGAGAAATGTCCTCAAAATTTGATTAGGC
 |||||
 AAATAACAGTTGGGAGAAATATCAATGAAATCTGGGGGTGGGGTGGGCTGAAAGGGTGGGATGATGGAGGAGTATGAATTAGGGCTTGGAG
 |||||

FIG. 2A

AAAAAAAA

	1		50
bov. ARPP19	MSAEVPEAAS AEE..... QKEMEDKVTS	PEKAEAAKLK	ARYPHLGQKP
bov. endos.		EGIL.. PEKAEAAKLK	AKYPSLGQKP
hum. endosA	MSQKQEEENP AEETGEEKQD TQEKEGIL..	PEKAEAAKLK	AKYPSLGQKP
hum. endosB	MSQKQEEENP AEETGEEKQD TQEKEGIL..	PEKAEAAKLK	AKYPSLGQKP
pig endos.		EGIL.. PEKAEAAKxx	AKYPSLGQKP
	51		100
bov. ARPP19	GGSDFLRKRL QKGQKYFDSG DYNMAKAKMK	NKQLPTATPD	KTEVTGDHIP
bov. endos.	GGSDFLMKRL QKGQKYFDSG DYNMAKAKMK	NKQLPSATPD	KNLVTGDHIP
hum. endosA	GGSDFLMKRL QKGQKYFDSG DYNMAKAKMK	NKQLPSATPD	KNLVTGDHIP
hum. endosB	GGSDFLMKRL QKGQKYFDSG DYNMAKAKMK	NKQLPSATPD	KNLVTGDHIP
pig endos.	GGSDFLMKRx xxxQKYFDSG DYNMAKxxxx	xxQLPSATPD	KNLVTGDHIP
	101		124
bov. ARPP19	TPQDLPQRKP SLVASKLAG*		
bov. endos.	TPQ		
hum. endosA	TPQDLPQRKS SLVTSKLAG*		
hum. endosB	TPQDLPQRKS SLVTSKLAGG QVE*		
pig endos.	TPQDLPQR		

FIG.3

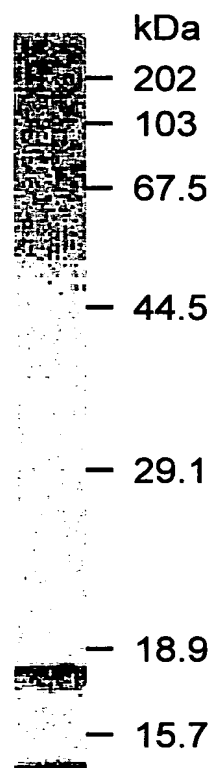


FIG.4A



FIG.4B

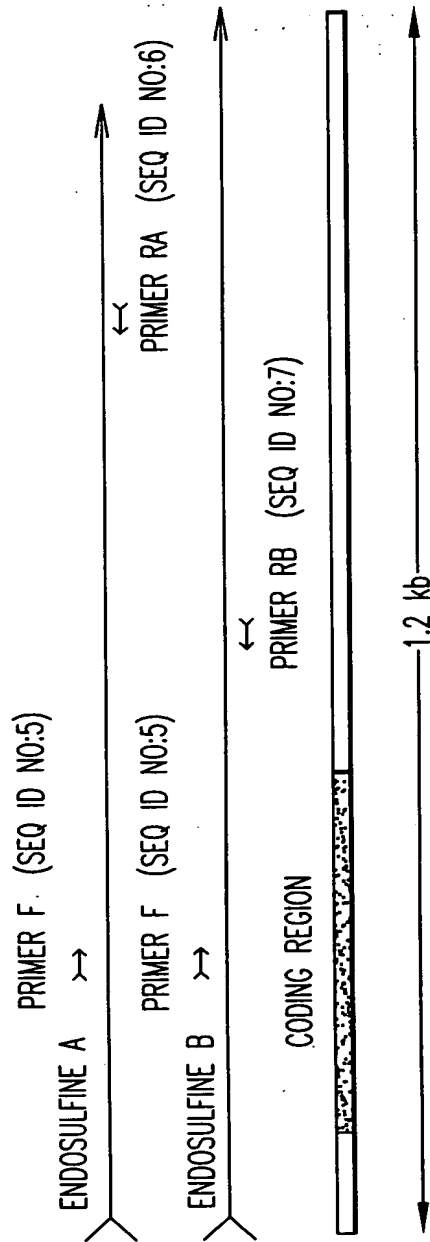


FIG.5

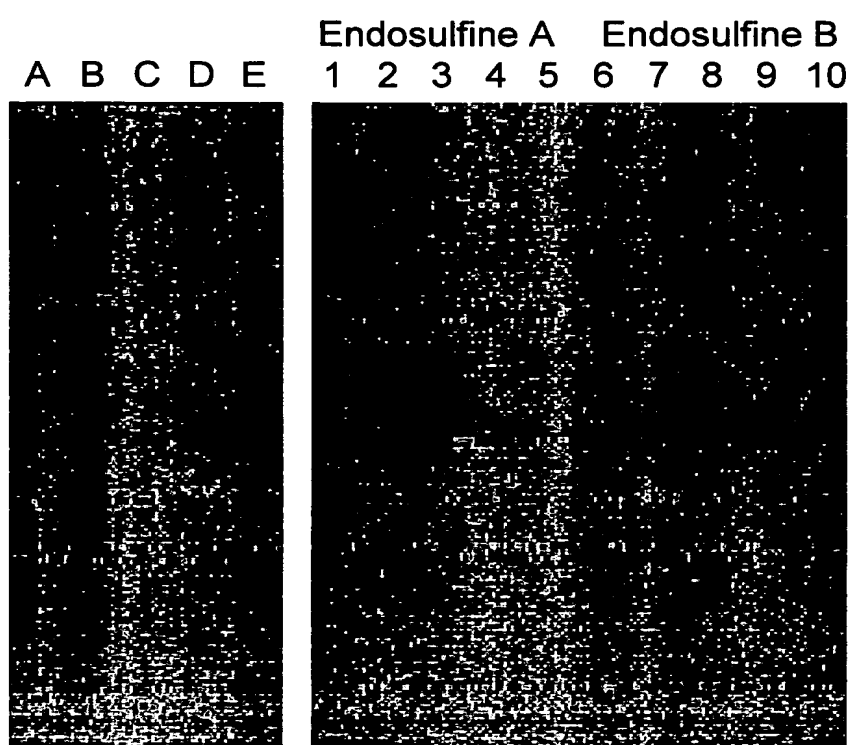


FIG.6

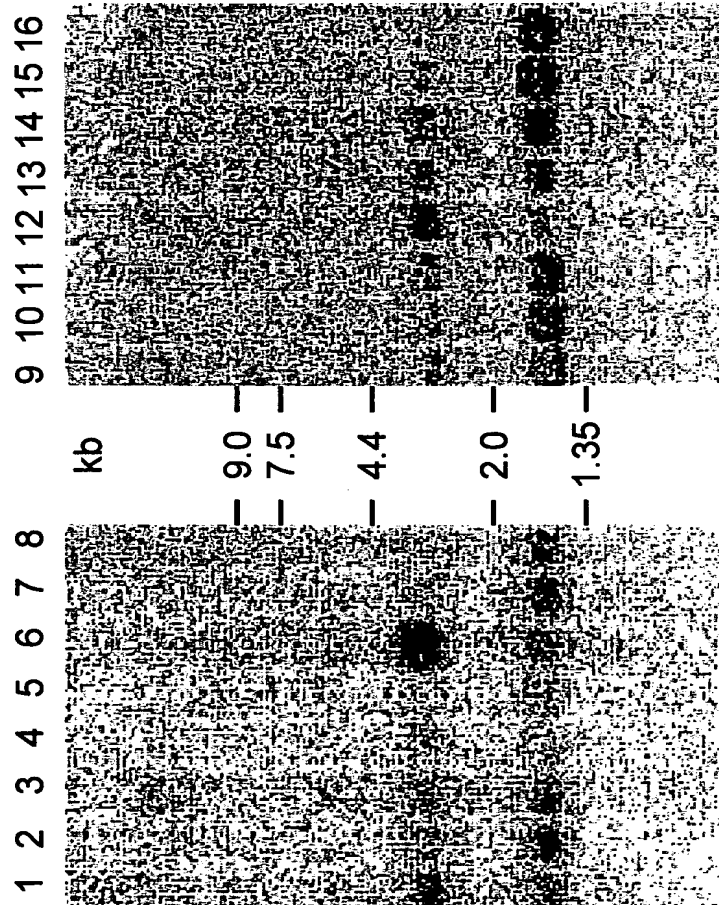


FIG.7

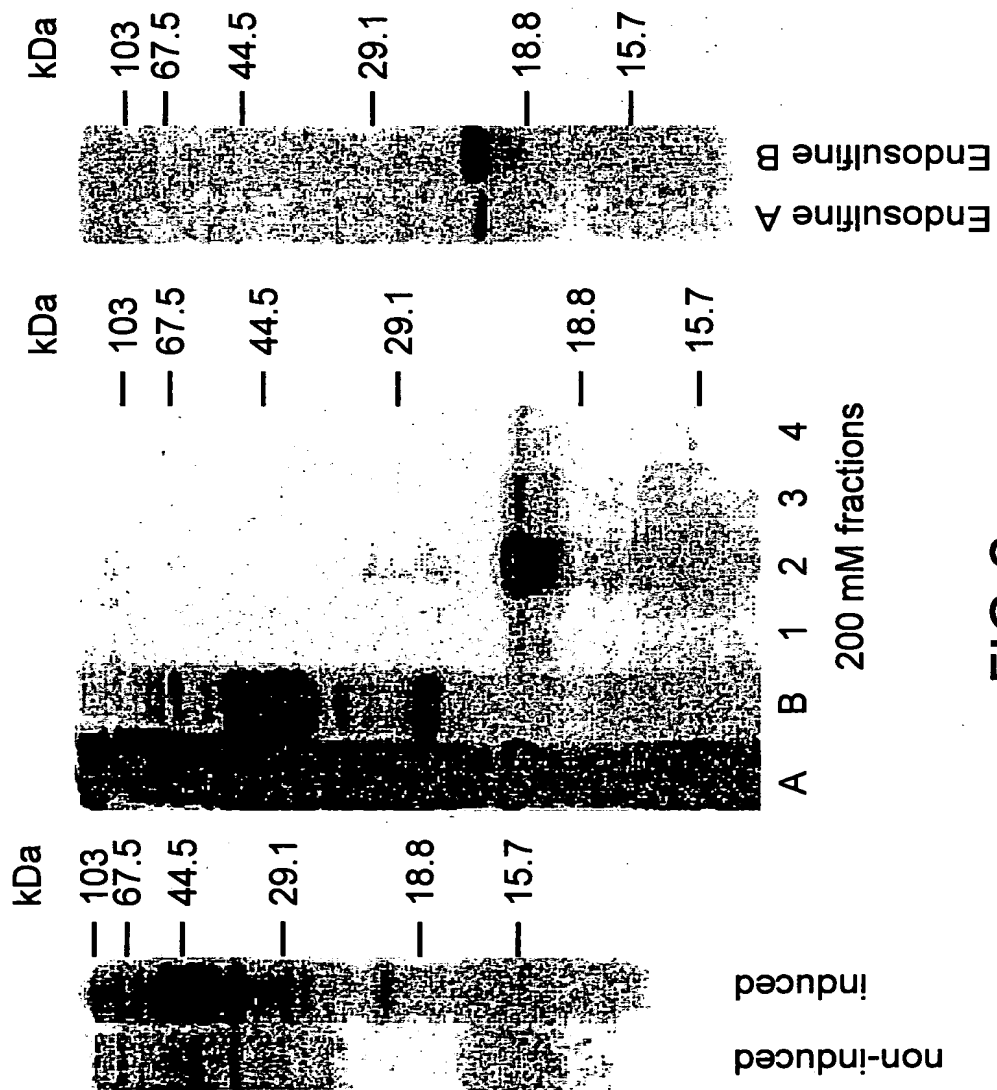


FIG.8